

Gaps identified during V2 fishery assessment

Similar or identical to V1.6 improvements already in IFFO RS IP improvement timeline:

- a. M2.3 – Provide additional evidence of the efficacy of the control and enforcement regime.
- b. A2.1 (anchoveta & thread herring) – Continue to conduct regular stock assessments
- c. A2.1 (thread herring) – Conduct a study to determine what species of thread herring are present in the catch, and in what ratios.
- d. A2.2 (anchoveta & thread herring) – Determine a reference point or proxy for the stocks.
- e. A3.2 (anchoveta & thread herring) – Ensure total removals do not exceed the level indicated as appropriate by stock assessments.
- f. F1.2 – Provide evidence that the fishery does not have a significant negative impact on ETP species, particularly scalloped hammerhead.
- g. F1.3 – Provide evidence of measures in place to reduce the impact of the fishery on ETP species, particularly turtles and elasmobranchs.

New as a result of V2 changes:

- h. A2.4 (anchoveta & thread herring) – Provide evidence of the peer review process for stock assessments.
- i. A3.3 (anchoveta & thread herring) – Establish a limit reference point for each stock, below which the commercial fishery will be suspended.
- j. D1 (Cachema weakfish, Peruvian moonfish) – Provide additional PSA information. Not essential to achieve an overall Pass.
- k. D1 (Sea catfish) – Establish additional PSA information OR take steps to meet the requirements of Table D4. Required to achieve an overall Pass.
- l. F3.1 – Provide evidence of consideration of the broader ecosystem during the management process.
- m. F3.2 – Ensure that any potentially significant negative impacts of the fishery on the ecosystem are mitigated.

- n. F3.3 – Determine whether anchoveta, thread herring, or bumper play a key role in the ecosystem, and factor the results into the management process.

Panama small pelagic FIP – IFFO RS V1.6 Improvement Timeline

For reference – the IFFO RS IP improvement timeline for Panama small pelagics as of the 1 year surveillance assessment.

IFFO RS Scoring Criteria		Compliance		Key Improvements Required	Key Improvements Made as of Y1	Status in Relation to FPP at Y1	
		Initial Score	Score at Y1 surveillance			Ahead of FPP	Behind FPP
		High Compliance				Ahead of FPP	
		Medium Compliance				At FPP	
		Low Compliance				Behind FPP	
A Management Framework	A1			- Provide additional information (6 months)	Provide additional information (May 2016)		
	A2			- Estimate Discarding & Bycatch rates (1 year) - Conduct a study on thread herring (2 years) - Conduct a stock distribution study (2 years)	Estimate discarding rates (Nov 2016)		
	A3			- Implement a management plan (2 years) - Develop reference points or proxies (3 years) - Manage the fishery in line with the plan and reference points (5 years)			
B Stock Assessment	B1			- Conduct otolith sampling (1year) - Introduce fishery-independent surveys (2 years) - Utilise the results and develop estimates of stock size and reference points (3 years)	Initiate process to enable otolith sampling (Nov 2016)		
	B2			- Ensure advice is regular (3 years) - Accumulate evidence (5 years)			

C Precautionary Approach	C1			- Progress in relation to other improvements.		
D Management Measures	D1			- Develop stock size and reference point estimates (3 years) - Ensure scientific advice is based on these estimates (3 years onwards) - Accumulate evidence (5 years)		
	D2			- Provide additional information (6 months) - Develop reference points and stay within them (5 years)	Provide additional information (May 2016)	
	D3			- Continue bycatch monitoring and introduce technical measures (Ongoing) - Continue ecosystem monitoring and introduce technical measures (Ongoing) - Continue monitoring compliance with no-take zones (Ongoing) - Require the reporting of ETP interactions (1 year) - Introduce habitat monitoring (1 year) - Study potential ETP interactions (2 years) - Implement measures to protect ETP species as required (2 years)	Implement measures by which interactions with ETP species are recorded by observers (Nov 2016)	
E Control & Enforcement	E1			- Provide additional information (6 months)	Provide additional information (May 2016)	
	E2			- Provide additional information (6 months) - Provide additional information (1 year)	Provide additional information (May 2016; Nov 2016)	